

In re Application of: Yoram REITER
Serial No.: 10/073,300
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Examiner: Francois P.
Vandervegt,
Group Art Unit: 1644
Attorney Docket: 02/23339

In the Claims:

1. (Currently amended) A plurality of complexes each being composed of an antigenic peptide being capable of binding a human MHC class I, and a chimeric polypeptide which comprises a functional human β -2 microglobulin translationally fused to a functional human MHC class I heavy chain, wherein all of said plurality of complexes are identical and recognizable by one CTL clone.

2. (Previously presented) The plurality of complexes of claim 1, wherein said chimeric polypeptide further comprises a linker peptide being interposed between said functional human β -2 microglobulin and said functional human MHC class I heavy chain.

3-11. (Cancelled)

12. (Previously presented) The plurality of complexes of claim 1, wherein said antigenic peptide is covalently linked to said chimeric polypeptide.

13. (Previously Presented) A bacterial inclusion body comprising a chimeric polypeptide which comprises a functional human β -2 microglobulin translationally fused to a functional human MHC class I heavy chain.

14-17 (Cancelled)

18. (New) The plurality of complexes of claim 1, wherein said functional human β -2 microglobulin is translationally fused upstream of said functional human MHC class I heavy chain.